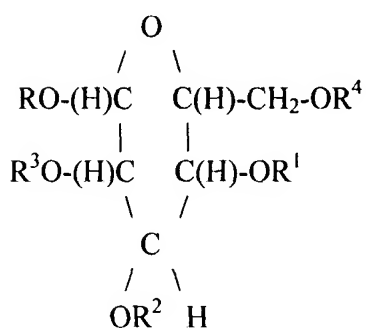


Claims;

What is claimed;

1. A surfactant compositions which comprises a mixture of compounds conforming to the following structures:

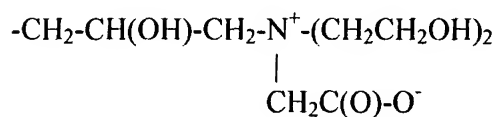
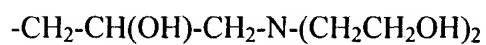
(a)



wherein;

R is alkyl having 8 to 22 carbon atoms;

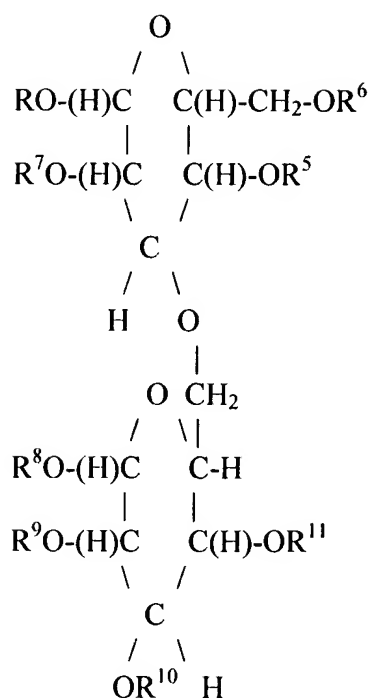
R¹, R², R³. and R⁴ are independently selected from the group consisting of



and H, with the proviso that R¹, R², R³. and R⁴ are not all H;

and

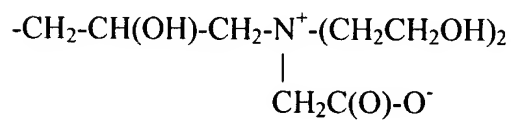
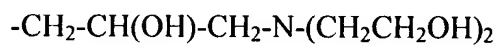
(b)



wherein;

R is alkyl having 8 to 22 carbon atoms;

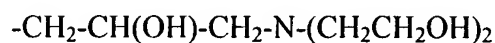
$\text{R}^5, \text{R}^6, \text{R}^7, \text{R}^8; \text{R}^9, \text{R}^{10}$ and R^{11} are independently selected from the group consisting of



and H, with the proviso that $\text{R}^5, \text{R}^6, \text{R}^7, \text{R}^8, \text{R}^9, \text{R}^{10}$ and R^{11} are not all H.

2. A surfactant compositions of claim 1 wherein;

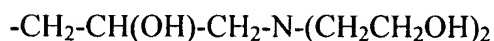
R^1 , R^2 , R^3 . and R^4 are independently selected from the group consisting of



and H, with the proviso that R^1 , R^2 , R^3 . and R^4 are not all H;

and

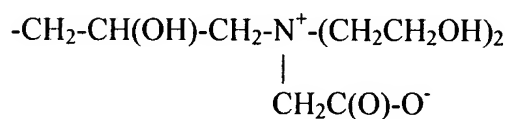
R^5 , R^6 , R^7 , R^8 ; R^9 , R^{10} and R^{11} are independently selected from the group consisting of



and H, with the proviso that R^5 , R^6 , R^7 , R^8 , R^9 , R^{10} and R^{11} are not all H.

3. A surfactant compositions of claim 1 wherein

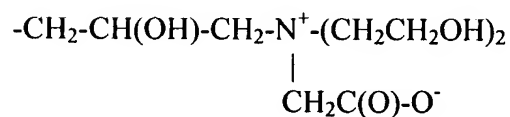
R^1 , R^2 , R^3 . and R^4 are independently selected from the group consisting of



and H, with the proviso that R^1 , R^2 , R^3 . and R^4 are not all H;

and

R^5 , R^6 , R^7 , R^8 ; R^9 , R^{10} and R^{11} are independently selected from the group consisting of



and H, with the proviso that R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰ and R¹¹ are not all H.

4. A surfactant compositions of claim 2 wherein R is C₁₂H₂₅.
5. A surfactant compositions of claim 2 wherein R is C₁₀H₂₁.
6. A surfactant compositions of claim 2 wherein R is C₂₂H₄₂.
7. A surfactant compositions of claim 3 wherein R is C₁₂H₂₅.
8. A surfactant compositions of claim 3 wherein R is C₁₀H₂₁.
9. A surfactant compositions of claim 3 wherein R is C₂₂H₄₂.